

COPY

Form AEC-410
(1-61)

UNITED STATES
ATOMIC ENERGY COMMISSION

SOURCE MATERIAL LICENSE

Pursuant to the Atomic Energy Act of 1954, and Title 10, Code of Federal Regulations, Chapter 1, Part 40, "Licensing of Source Material," and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, possess and import the source material designated below; to use such material for the purpose(s) and at the place(s) designated below; and to deliver or transfer such material to persons authorized to receive it in accordance with the regulations in said Part. This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954 and is subject to all applicable rules, regulations, and orders of the Atomic Energy Commission, now or hereafter in effect, including Title 10, Code of Federal Regulations, Chapter 1, Part 20, "Standards for Protection Against Radiation," and to any conditions specified below.

IF B, III R-4/65

Licensee		3. License No.
1. Name	The Dow Chemical Company	<u>STB-527, as renewed</u>
2. Address	Midland, Michigan	4. Expiration Date
		<u>March 31, 1968</u>
		5. Docket No.
		<u>40-17</u>

6. Source Material	7. Maximum quantity of source material which licensee may possess at any one time under this license
Thorium	One hundred thousand (100,000) pounds as metal, ten thousand (10,000) pounds as oxide or fluoride and 500 pounds as compounds.

CONDITIONS

8. Authorized use (Unless otherwise specified, the authorized place of use is the licensee's address stated in Item 2 above.)
For use in accordance with the ^{and} procedures described in the licensee's application dated February 22, 1962 and supplements dated March 30, 1962 and March 11, 1965. *att*
9. Authorized places of use: The licensee's facilities at:
 a. Bay City, Michigan
 b. Midland, Michigan
 c. Madison, Illinois
10. The licensee is hereby exempted from the requirements of subparagraphs 20.203(e)(2) and (f)(2), 10 CFR 20 insofar as these subparagraphs apply during the storage and fabrication of magnesium-thorium alloys containing not more than four per cent (4%) thorium.

For the U. S. ATOMIC ENERGY COMMISSION

Date of issuance MAR 26 1965

Robert L. Layfield

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Division of Materials Licensing

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